

### REMARKS

The specification is amended for the Examiner's consideration.

#### ***Objection to the Specification***

The Examiner objected to paragraphs [0036] and [0047] of the specification because they recite the units of nitrogen as atoms/cm<sup>2</sup> instead of atoms/cm<sup>3</sup>. The Examiner explains that the language of these paragraphs discusses the nitrogen as a concentration and not as a dose. Upon further review the of the arguments made by the Examiner and the language of these paragraphs, Applicant has determined that the Examiner is correct. While these paragraphs discuss how the nitrogen is added (dose) the language is properly interpreted as the amount which is concentrated after the dose. Accordingly, by this amendment, paragraphs [0037] and [0047] have been amended replace the units atoms/cm<sup>2</sup> with atoms/cm<sup>3</sup>.

Accordingly, as the noted objection has been rendered moot and as all of the pending claims have been indicated to be allowed, Applicant submits that the application is now in condition for allowance.

### CONCLUSION

In view of the instant Amendment and the foregoing, Applicants submit that all of the claims are patentably distinct from the prior art of record and are in condition for allowance. The Examiner is respectfully requested to pass the above application to issue. The Examiner is invited to contact the undersigned at the telephone number listed below, if needed. Applicants hereby make a written conditional petition for

extension of time, if needed. Authorization is hereby given to refund excess payments and charge any additional fee necessary to have this paper entered to Deposit Account No. 09-0456.

Respectfully submitted,  
Jay S. Burnham et al.

A handwritten signature in black ink, appearing to read "Andrew M. Calderon", written over a horizontal dashed line.

Andrew M. Calderon  
Reg. No.:38,093

August 14, 2006  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191